PCT/US03/06679

9471 -011

SHEET 1 OF 16

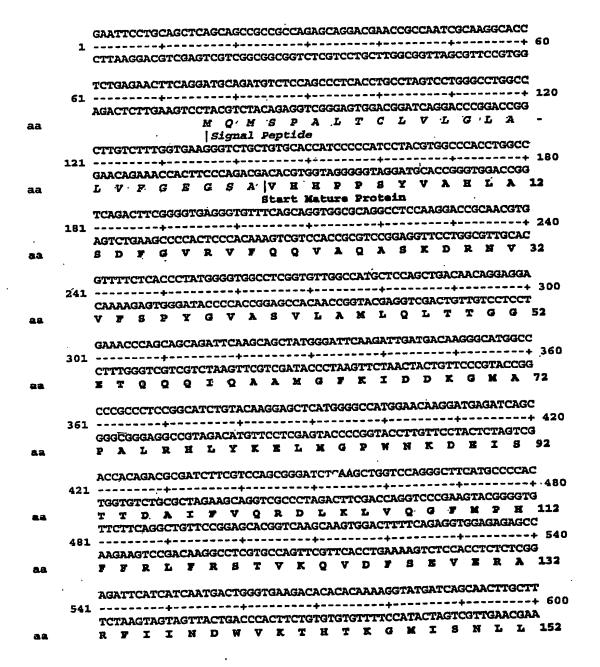
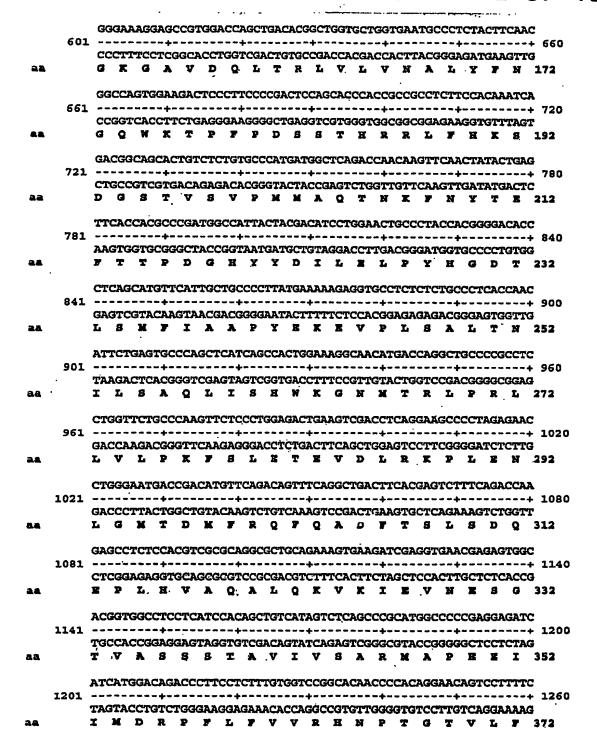


FIG. 1A

SHEET 2 OF 16



ı a

PCT/US03/06679

9471 -011

SHEET 3 OF 16

1261	ATGGGCCAAGTGATGGAACCCTGACCCTGGGGAAAGACGCCTTCATCTGGGACAAAACTG TACCCGGTTCACTACCTTGGGACTGGGACCCCTTTCTGCGGAAGTAGACCCTGTTTTGAC M G Q V M E P * 379	1320
1321	GAGATGCATCGGGAAAGAAGAACTCCGAAGAAAAGAATTTTAGTGTTAATGACTCTTTC	1380
1381	TGAAGGAAGAGAGACATTTGCCTTTTGTTAAAAGATGGTAAACCAGATCTGTCTCCAAG ACTTCCTTCTGTTAAACGGAAAACAATTTTCTACCATTTGGTCTAGACAGAGGTTC	1440
1441	ACCTTGGCCTCTCCTTGGAGGACCTTTAGGTCAAACTCCCTAGTCTCCACCTGAGACCCT TGGAACCGGAGAGGAACCTCCTGGAAATCCAGTTTGAGGGATCAGAGGTGGACTCTGGGA	1500
150 <u>i</u>	GGGAGAGAGTTTGAAGCACAACTCCCTTAAGGTCTCCAAACCAGACGGTGACGCCTGCG	1560
1561	GGACCATCTGGGGCACCTGCTTCCACCCGTCTCTCTGCCCACTCGGGTCTGCAGACCTGG	1620
1621	TTCCCACTGAGGCCCTTTGCAGGATGGAACTACGGGGCTTACAGGAGCTTTTGTGTGCCT AAGGGTGACTCCGGGAAACGTCCTACCTTGATGCCCCGAAATGTCCTCGAAAACACACAC	1680
1681	GGTAGAAACTATTTCTGTTCCAGTCACATTGCCATCACTCTTGTACTGCCTGC	1740
1741	GAGGAGGCTGGTGACAGGCCAAAGGCCAGTGGAAGAACACCCTTTCATCTCAGAGTCCACTCCCGACCACTGTCCGGTTTCCGGTCLCTTCTTTGTGGGAAAGTAGAGTCTCAGGT	- TROO
1801	CTGTGGCACTGGCCACCCCCCAGTACAGGGGTGCTGCAGGTGGCAGAGTGAATGTCCCGACCGTGACCGGTGGGGGAGGGGTCATGTCCCCCACGACGTCCACCGTCTCACTTACAGG	- 1860
1861	CCCATCATGTGGCCCAACTCTCCTGGCCTGGCCATCTCCCCCAGAAACAGTGTGCATCTCCTCCCCAGAAACAGTGTGCATCTCCTCCCCAGAAACAGTGTGCATCTCTCACACGTAGAGAGAACACGTAGAGGGAGG	- 1920
1921	GGGTTATTTTGGAGTGTGAGTGACTTGTTTACTCATTGAAGCAGATTTCTGCTTCCTTTT	F TABO
1981	ATTTTTATAGGAATAGAGGAAGAAATGTCAGATGCGTGCCCAGCTCTTCACCCCCCAATG	+ 2040

FIG. 1C

_____PCT/US03/06679

9471 -011

SHEET 4 OF 16

	TCTTGGTGGGGAGGGGTGTACCTAAATATTTATCATATCCTTGCCCTTGAGTGCTTGTTA
2041	2100
	AGAACCACCCCTCCCCACATGGATTTATAAATAGTATAGGAACGGGAACTCACGAACAAT
	GAGAGAAAGAGAACTACTAAGGAAAATAATATTATTTAAACTCGCTCCTAGTGTTTCTTT
	• • • • • • • • • • • • • • • • • • • •
2101	CTCTCTTTCTCTTGATGATTCCTTTTATTATAATAAATTTGAGCGAGGATCACAAAGAAA
2151	GTGGTCTGTGTCACCGTATCTCAGGAAGTCCAGCCACTTGACTGGCACACACCCCTCCGG
	CACCAGACACAGTGGCATAGAGTCCTTCAGGTCGGTGAACTGACCGTGTGTGGGGAGGCC
	CACCAGACACAGIGGCAIAGAGICCIICAGGICGGIGAAGIGAGGIGAAGIGAGGIGAAGIGAGGIGA
2221	ACATCCAGCGTGACGGAGCCCACACTGCCACCTTGTGGCCGCCTGAGACCCTCGCGCCCC
	TGTAGGTCGCACTGCCTCGGGTGTGACGGTGGAACACCGGCGGACTCTGGGAGCGCGGGG
	CCGCGCCCCCCCCCTTTTTCCCCCTTGATGGAAATTGACCATACAATTTCATCCT
2224	
2281	GGCGCGGGGGGCGCGGGGAAAAAGGGGAACTACCTTTAACTGGTATGTTAAAGTAGGA
	CCTTCAGGGGATCAAAAGGACGGAGTGGGGGGACAGAGACTCAGATGAGGACAGAGTGGT
2341	2400
	GGAAGTCCCCTAGTTTTCCTGCCTCACCCCCCTGTCTCTGAGTCTACTCCTGTCTCACCA
	TTCCAATGTGTTCAATAGATTTAGGAGCAGAAATGCAAGGGGCTGCATGACCTACCAGGA
2403	
24VI	AAGGTTACACAAGTTATCTAAATCCTCGTCTTTACGTTCCCCGACGTACTGGATGGTCCT
	CAGAACTITCCCCAATTACAGGGTGACTCACAGCCGCATTGGTGACTCACTTCAATGTGT
2461	GTCTTGAAAGGGGTTAATGTCCCACTGAGTGTCGGCGTAACCACTGAGTGAAGTTACACA
	CATTTCCGGCTGCTGTGTGTGAGCAGTGGACACGTGAGGGGGGGG
2521	
	GTAAAGGCCGACGACACACTCGTCACCTGTGCACTCCCCCCCC
	GGCAGCTCGGATTCAACTACCTTAGATAATATTTCTGAAAACCTACCAGCCAG
2581	CCGTCGAGCCTAAGTTGATGGAATCTATTATAAAGACTTTTGGATGGTCGGTC
	GGCACAAAGATGGATGTAATGCACTTTGGGAGGCCAAGGCGGGAGGATTGCTTGAGCCCA
2641	
	CCGTGTTTCTACCTACATTACGTGAAACCCTCCGGTTCCGCCCTCCTAACGAACTCGGGT
	GGRGTTCAAGACCAGCCTGGGCAACATACCAAGACCCCCGTCTCTTTAAAAATATATAT
2701	
2704	CCTCAAGTTCTGGTCGGACCCGTTGTATGGTTCTGGGGGCAGAGAAATTTTTATATATA
	TA A ATTITUDE ATTACKET
2761	TTTTAAATATACTTAAATATATATTTCTAATATCTTTAAATATATATATATATTTTAAAG
	AAAATTTATATGAATTTATATATAAAGATTATAGAAATTTATATATATATATAAAATTTC
	·
	ACCARTTATGGGAGAATTGCACACAGATGTGAAATGAATGTAATCTAATAGAAGC
2821	ACCARTITATE 2876

SHEET 5 OF 16

			MQMS PALT	Signal po	
vhhppsyvahlasid	 FGVRVFQQVA	 Daskdrnvvfs	 BPYGVASVLAM	 LQLTTGGET	l AQIQQÇ
 AMGFKIDDKGMAPA	. LRHLYKELMGI	 PWNKDEISTTI	 AIFVQRDLKI	 LVQGFMPHFF	 RLFRST
 VKQVDFSEVERARF	 - INDWVKTHT	KGMISNLLGKO	 SAVDQLTRLVI	 LVNALYFNGQ	 WKTPFP
:	ı		.t	1	· 1
DSSTHRRLFHKSDG 		. 1		. 1	1
YEKEVPLSALTNIL :	SAQLISHWKG	NMTRLPRLLVI	LPKFSLETEVI	olrkplenlg	MTDMFR
I QFQADFTSLSDQEP	THAÖYTÖKAI	KIEVNESGTV	Assstavi v s	<u>ARMAPĖ</u> EIIM	DRPFLF
 	QVMEP				

FIG. 2A

SHEET 6 OF 16

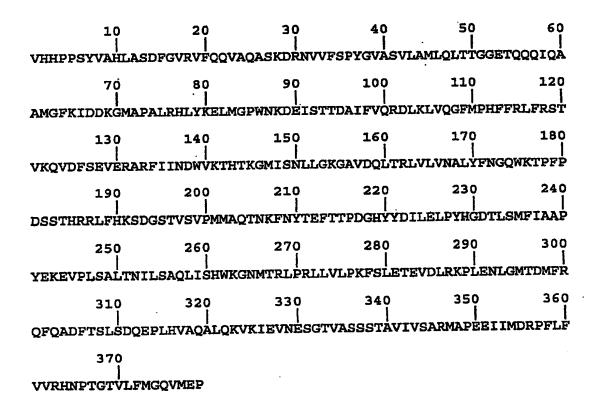
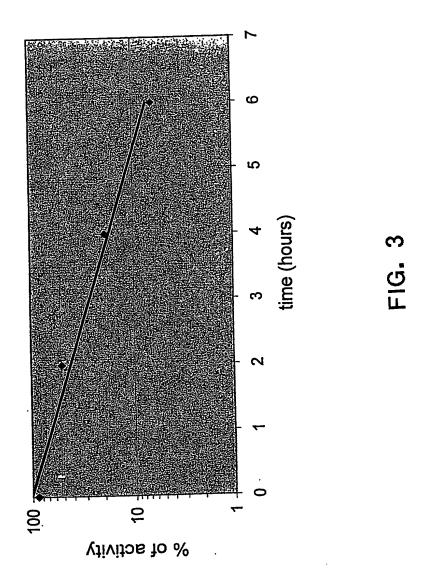


FIG. 2B

SHEET 7 OF 16



SHEET 8 OF 16

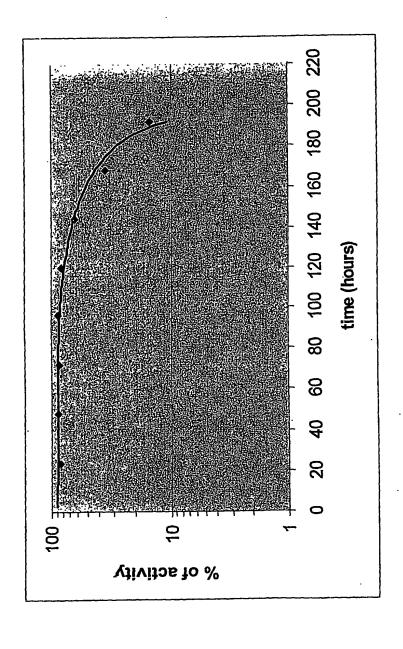


FIG. 4

SHEET 9 OF 16

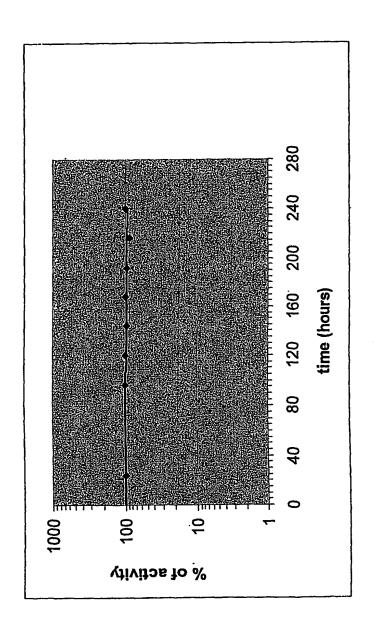


FIG. 5

SHEET 10 OF 16

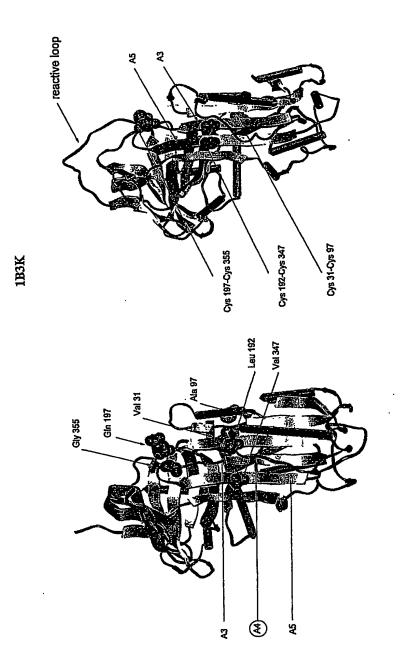
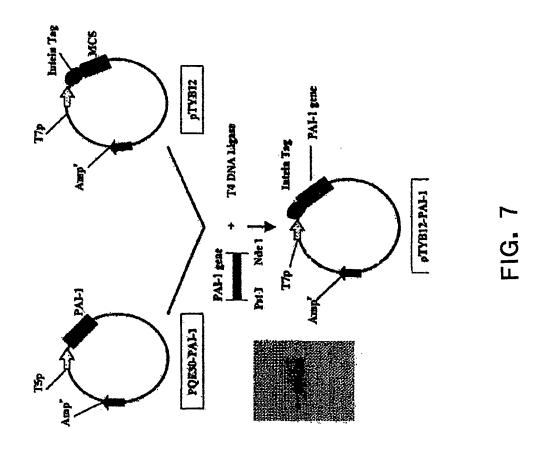


FIG. 6



PCT/US03/06679

9471 -011

SHEET 12 OF 16



FIG. 8B

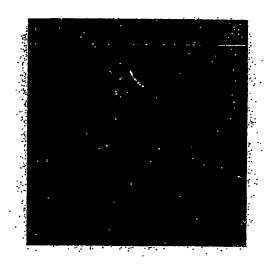


FIG. 8A

9471,-011

SHEET 13 OF 16

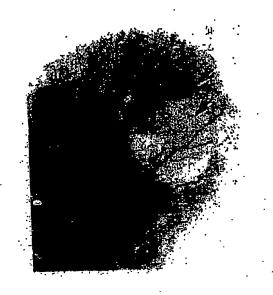
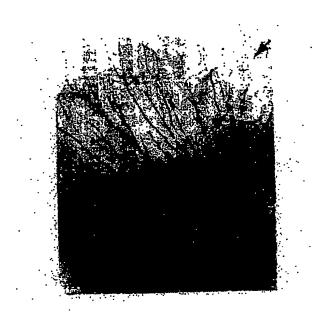


FIG. 9B



-1G. 9A

SHEET 14 OF 16

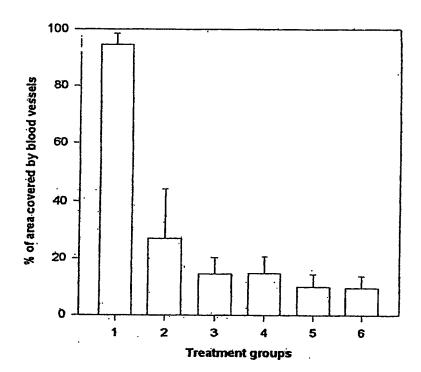


FIG. 10

SHEET 15 OF 16 PCT/US03/06679

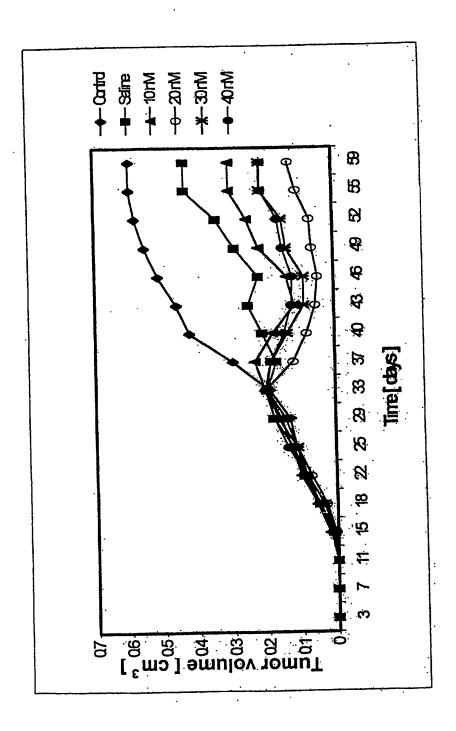


FIG. 11

SHEET 16 OF 16

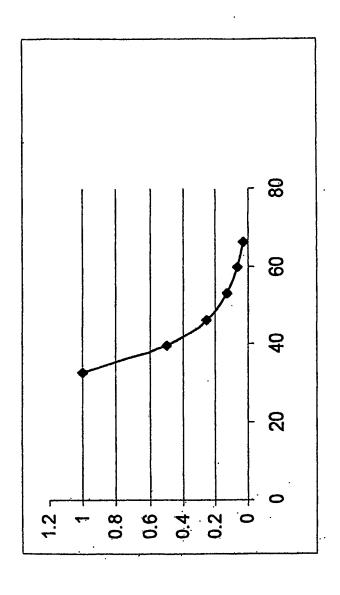


FIG. 12

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

□ BLACK BORDERS
□ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
□ FADED TEXT OR DRAWING
□ BLURRED OR ILLEGIBLE TEXT OR DRAWING
□ SKEWED/SLANTED IMAGES
□ COLOR OR BLACK AND WHITE PHOTOGRAPHS
□ GRAY SCALE DOCUMENTS
□ LINES OR MARKS ON ORIGINAL DOCUMENT
□ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

☐ OTHER: _____

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.